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OSA = 1478-70

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26 May 1970

7322

Subject: Contract AF33(657)-12846, Follow-On EMR Program  
Monthly Technical Progress Report,  
Period Ending 30 April 1970

Dear Burt:

In fulfillment of the subject obligation enclosed please find one (1) copy of this Contractor's Report No. 74.

Please note that completion of all Contract obligations has now been reduced to two (2) items, both of which being accomplished by a major sub-contractor [redacted] of Los Angeles, California. This sub-contractor has projected completion of these items on prior dates however problems have continually arisen to delay shipment. The contents hereof are intended to apprise your office, as well as the SPO & ASPO, of the current delivery projections which will ultimately lead to close-out of Contract AF33(657)-12846.

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The two (2) outstanding items are identified to a Stabilizer and Driver Card Wired, P/N 542064-2, due for update against ECP 1940-29 and a Sense Amplifier, P/N 542065-1, due against Spares List 4. Both of these items require testing in the final assembly, P/N 542061-2, RW 2048M53 Memory.

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[redacted] held testing until both items were ready for acceptance test so that the Memory would only require return to vendor, EMI, on one occasion. Both items were ready for test on 20 March 1970 and [redacted] furnished a Memory to [redacted] on that date with ASPO concurrence.

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[redacted] disassembled the Memory and wired the two items for test into the Memory. After preliminary testing was completed EMI began a full acceptance testing. On April 14 [redacted] notified [redacted] that the Memory failed at low temperature and that testing would be discontinued for troubleshooting.

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After a considerable troubleshooting effort EMI determined that three separate failures occurred, namely

1. Two potted modules in the modified 542064-2 card being tested failed and required repair at EMI's vendor, WEMS

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2. Two potted modules in the new 542065-1 card being tested failed and required repair at [ ] vendor, WEMS.

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3. In addition, in the portion of the Memory being used for test two modules failed, a 542107-1 Address Decoder Module & a 542087-1 Sense Amplifier Module.

[ ] has had WEMS repair the modules involved in item 1 above and this unit is presently being potted. Despite [ ] and WEMS' attempts to repair the modules in item 2, the cause of the intermittent has not yet been eliminated. STATINTL

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The holding items now are the repair of the Memory and the elimination of the intermittent in the item 2 modules - [ ] estimates 23 days to repair the Memory. [ ] also claims that the updated Stabilizer and Driver Card Wired, 542064-2, will be ready for test after potting. STATINTL

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Based on above information and allowing no time for future problems, the estimated delivery date for the Stabilizer and Driver Card Wired is 15 July 1970. If the intermittent in the Sense Amplifier can be found and repaired prior to Memory repair EDD will also be 15 July 1970.

The problems associated with the [ ] Memory were explained to [ ] on his recent visit to [ ] Additionally the subcontractor Close-Out was also discussed with [ ] during the writer's recent visit to ASPO. The writer offers complete assurance that continuous surveillance of [ ] progress will be maintained so as to bring about the earliest possible Contract completion. STATINTL

Regards,

  
Jim

JM:vg  
Encl.  
STATINTL cc:

SPO  
ASPO

[ ] w/2 cys. encl.  
cy.encl.